

# **Technology Deployment Initiatives and Partnership Program**

## **Request for Funding FY 2003**

### **FHWA Strategic Goal Area:**

Safety

### **Project Title:**

LaserLux Preventive Maintenance and Field Support

### **Problem Statement:**

The WFLHD mobile retroreflectometers are six years old, of the first generation, used for measuring the quality of pavement markings on our projects. Four units have been upgraded with new hardware and software and will be used in a four year Pooled Fund study of four durable materials in eight western States. The FLH contribution to the study is the mobile retroreflectometers. These units must be maintained in calibration during the life of the study. The upgrade contract included three activities for Base Line Support, On Site Support and Annual Preventive Maintenance. However, the details set by the study require modification of the original contract scope to extend service for four years and provide calibration in Utah, Oregon, Alaska, and Washington.

### **Proposal:**

Contract with Gamma Scientific, the upgrade contractor, to provide the required Phone or On Site Support and Preventive Maintenance. A separate contract will be executed to separate the completed upgrade and the four year support.

### **Benefits:**

The upgrade will meet the current standards for measurement and will be reliable for data collection for the Pooled Fund study. This effort will maintain the serviceability of each upgraded unit through the life of the Pooled Fund study.

### **Resources/Cost:**

\$50,000 from FY 2003 funds and the remainder of the contract funds from Fy2001.

### **Duration:**

The upgrade is complete and the support service will be required for four years as needed and once each year for each unit cleaning and adjusting.

### **Organization/Method:**

Contract with the qualified provider that installed the upgraded hardware and software. The base support will be by phone, fax, or e-mail. The on site support will be if necessary to make repairs in the field at Utah, Oregon, Washington, or Alaska; or by shipping the unit to the contractors laboratory in California. The PM will be at the home sites in Utah, Oregon, Washington and Alaska.

### **Submitter:**

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